FIG. 1

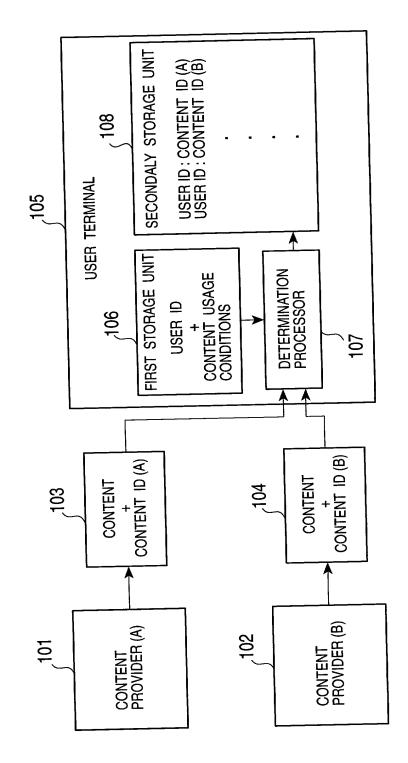


FIG. 2

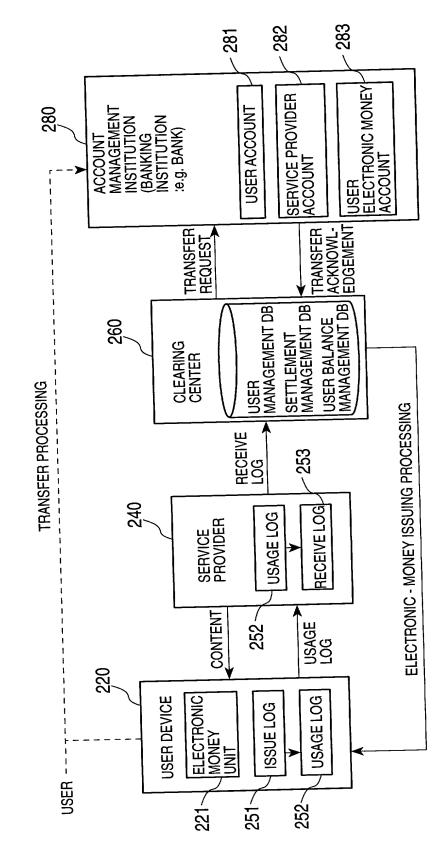
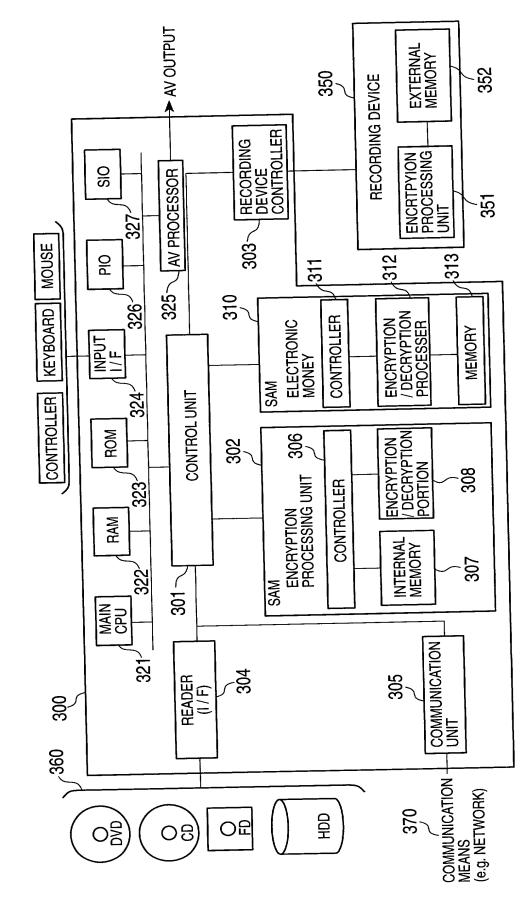


FIG. 3



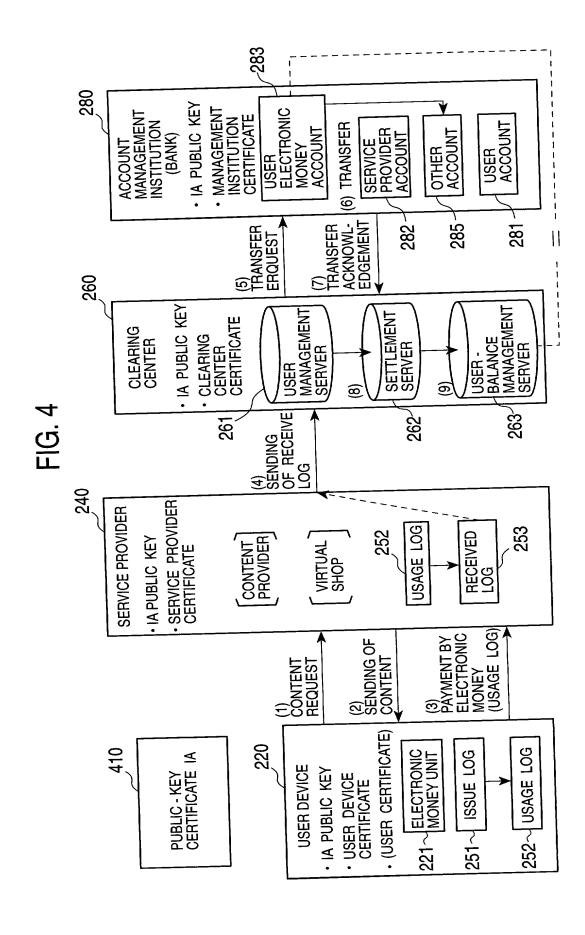
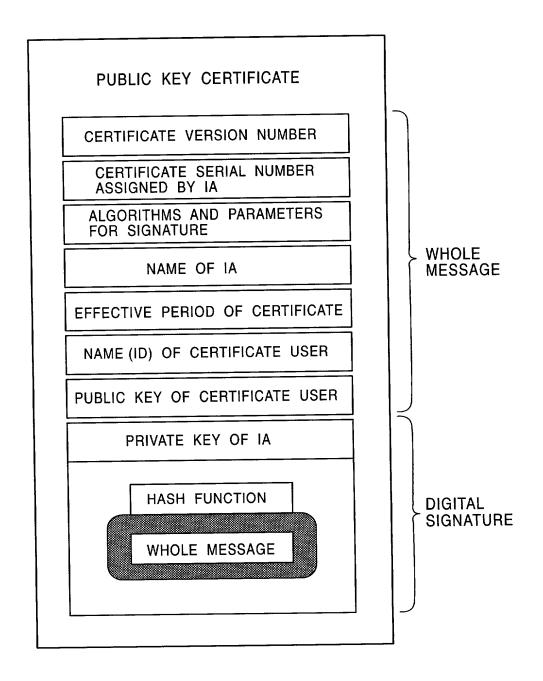


FIG. 5



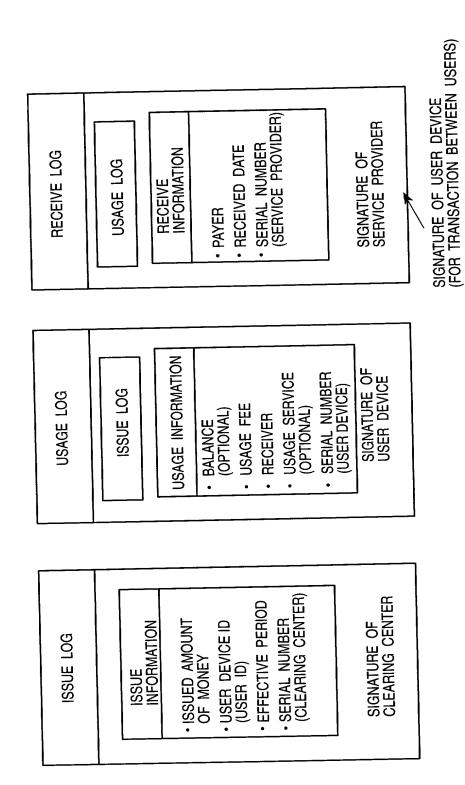
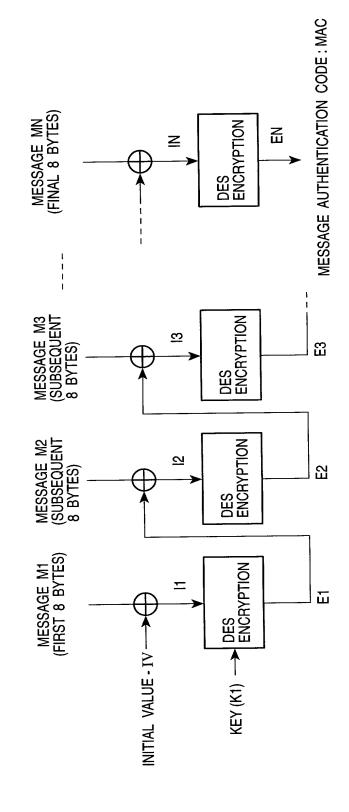


FIG. 7



⊕ : EXCLUSIVE - OR (UNIT OF 8 BYTES)

FIG. 8

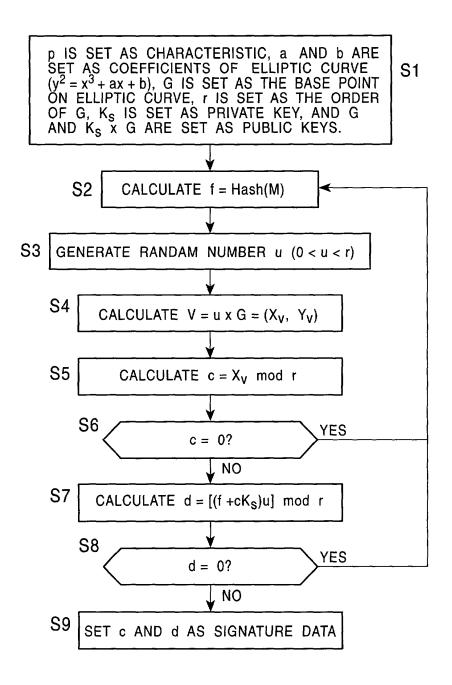
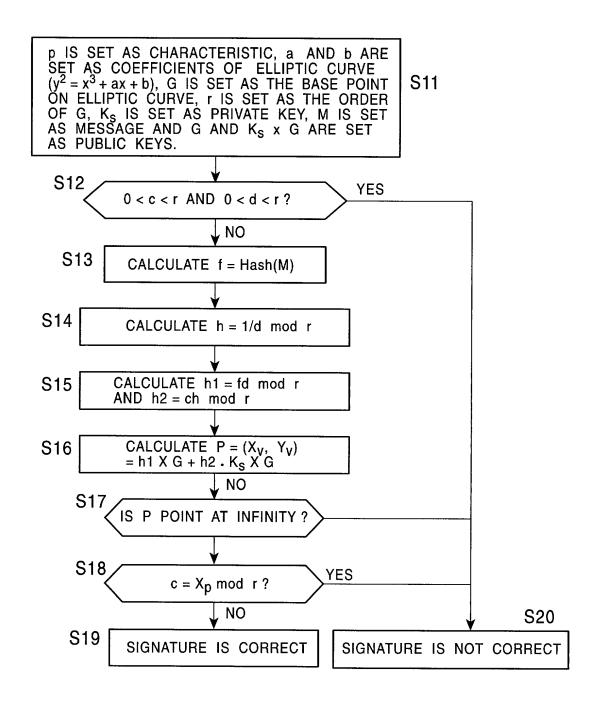
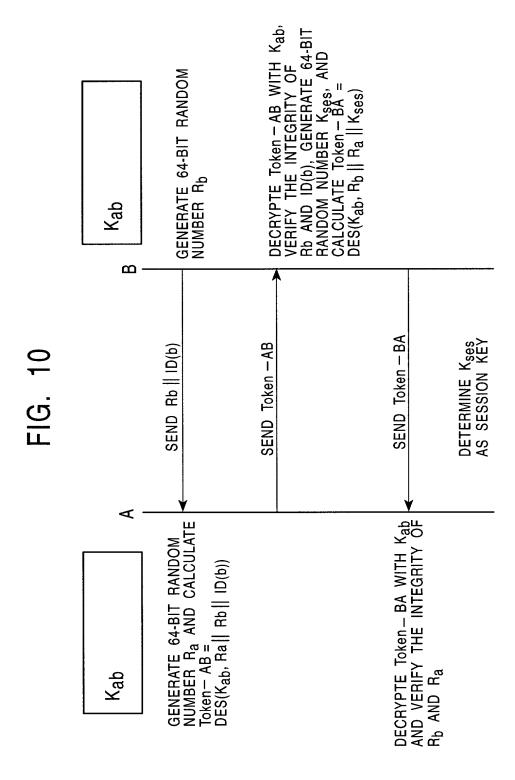


FIG. 9





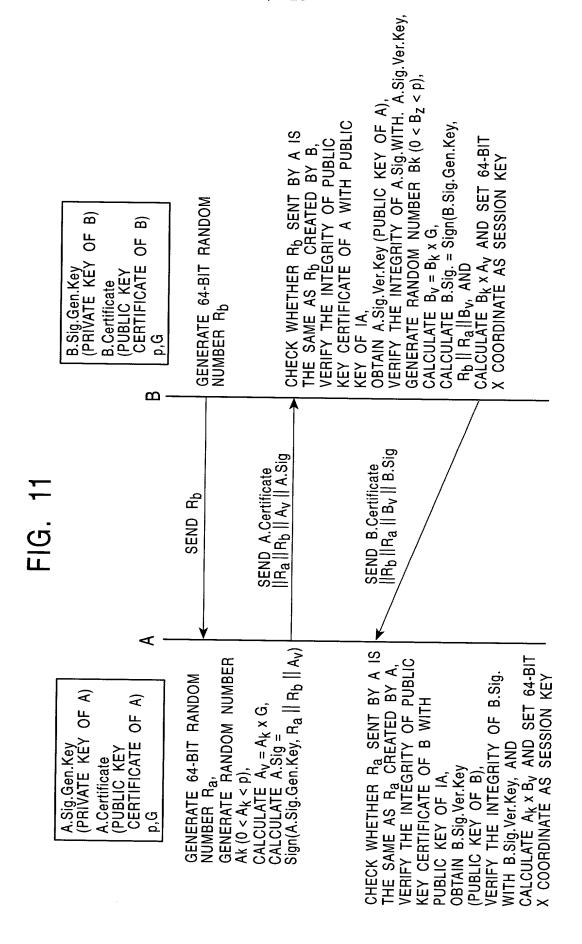
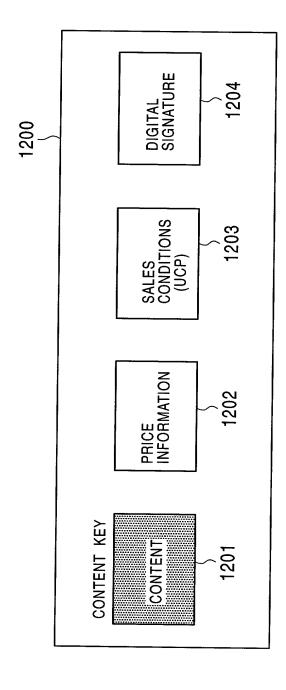


FIG. 12



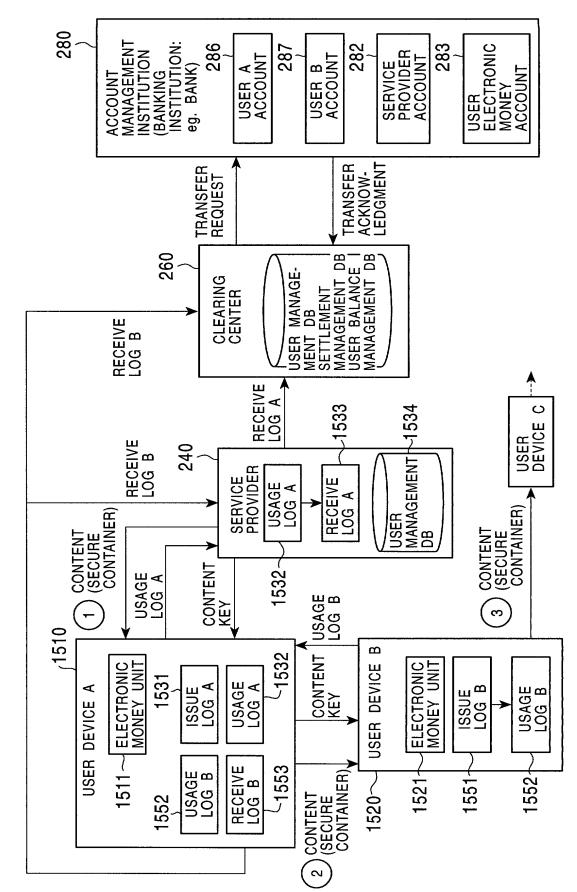
1301

| DATA TYPE UCP TYPE UCP EFFECTIVE PERIOD CONTENT ID CONTENT PROVIDER ID UCP ID UCP VERSION AREA CODE USABLE DEVICE CONDITIONS USABLE USER CONDITIONS SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE RULE NUMBER RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE SIGNATURE | | | | | | | | | |
|--|---------------------------------------|---|--|--|--|--|--|--|--|
| UCP EFFECTIVE PERIOD CONTENT ID CONTENT PROVIDER ID UCP ID UCP VERSION AREA CODE USABLE DEVICE CONDITIONS USABLE USER CONDITIONS SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE ADDRESS RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | DATA TYPE | | | | | | | |
| CONTENT ID CONTENT PROVIDER ID UCP ID UCP VERSION AREA CODE USABLE DEVICE CONDITIONS USABLE USER CONDITIONS SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | UCP TYPE | | | | | | | |
| CONTENT PROVIDER ID UCP ID UCP VERSION AREA CODE USABLE DEVICE CONDITIONS USABLE USER CONDITIONS SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | UCP EFFECTIVE PERIOD | | | | | | | |
| UCP ID UCP VERSION AREA CODE USABLE DEVICE CONDITIONS USABLE USER CONDITIONS SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : : : : : : : : : : : : : : : : : : | | CONTENT ID | | | | | | | |
| UCP VERSION AREA CODE USABLE DEVICE CONDITIONS USABLE USER CONDITIONS SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | CONTENT PROVIDER ID | | | | | | | |
| AREA CODE USABLE DEVICE CONDITIONS USABLE USER CONDITIONS SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | UCP ID | | | | | | | |
| USABLE DEVICE CONDITIONS USABLE USER CONDITIONS SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RULE NUMBER RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | UCP VERSION | | | | | | | |
| USABLE USER CONDITIONS SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | AREA CODE | | | | | | | |
| SERVICE PROVIDER ID UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | USABLE DEVICE CONDITIONS | | | | | | | | |
| UCP GENERATION MANAGEMENT INFORMATION NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : : RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : : : : : : : : : : : : : : : : : : | USABLE USER CONDITIONS | | | | | | | | |
| NUMBER OF SECONDARY DELIVERIES NUMBER OF RULES RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | SERVICE PROVIDER ID | | | | | | | | |
| RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : : RULE NUMBER RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | UCP GENERATION MANAGEMENT INFORMATION | | | | | | | | |
| RULE ADDRESS RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | NUMBER OF SECONDARY DELIVERIES | | | | | | | | |
| RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | NUMBER OF RULES | | | | | | | |
| RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | | | | | | | | |
| RULE 1 RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | | | | | | | | |
| RULE 1 CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : : : : : : : : : : : : : : : : : : | | RIGHT-OF-USE TYPE | | | | | | | |
| CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : : : : : : : : : : : : : : : : : : | DIJI E 4 | RIGHT-OF-USE TYPE SALES PRICE | | | | | | | |
| : RULE NUMBER RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | HULE I | CONTENT PROFIT DISTRIBUTION INFORMATION | | | | | | | |
| RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | DATA SIZE | | | | | | | |
| RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | : | | | | | | | |
| RIGHT-OF-USE TYPE RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | : | = | | | | | | | |
| RULE N RIGHT-OF-USE TYPE SALES PRICE CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | RULE NUMBER | | | | | | | |
| CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | | RIGHT-OF-USE TYPE | | | | | | | |
| CONTENT PROFIT DISTRIBUTION INFORMATION DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | RULE N | | | | | | | | |
| DATA SIZE : (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE | , | CONTENT PROFIT DISTRIBUTION INFORMATION | | | | | | | |
| PUBLIC KEY CERTIFICATE | | | | | | | | | |
| PUBLIC KEY CERTIFICATE | | : | | | | | | | |
| PUBLIC KEY CERTIFICATE | (WHETHER SIGNATURE HAS BEEN VERIFIED) | | | | | | | | |
| SIGNATURE | | PUBLIC KEY CERTIFICATE | | | | | | | |
| | | SIGNATURE | | | | | | | |

1401

DATA TYPE PRICE INFORMATION TYPE PRICE INFORMATION EFFECTIVE PERIOD CONTENT ID SERVICE PROVIDER ID PRICE INFORMATION ID PRICE INFORMATION VERSION AREA CODE USABLE DEVICE CONDITIONS **USABLE USER CONDITIONS** CONTENT PROVIDER ID UCP ID NUMBER OF RULES **RULE ADDRESS** RULE NUMBER CONTENT PROFIT DISTRIUTION INFROMATION PRICE RULE 1 DATA SIZE RULE NUMBER CONTENT PROFIT DISTRIUTION INFROMATION PRICE **RULE N** DATA SIZE (WHETHER SIGNATURE HAS BEEN VERIFIED) PUBLIC KEY CERTIFICATE **SIGNATURE**

FIG. 15



1601

| DATA TYPE | | | | | | | |
|--|--|--|--|--|--|--|--|
| DATA TIPE | | | | | | | |
| UCS TYPE | | | | | | | |
| UCS EFFECTIVE PERIOD | | | | | | | |
| CONTENT ID | | | | | | | |
| ALBUM ID | | | | | | | |
| ENCRYPTION PROCESSING UNIT ID | | | | | | | |
| USER ID | | | | | | | |
| CONTENT PROVIDER ID | | | | | | | |
| UCP ID | | | | | | | |
| UCP VERSION | | | | | | | |
| SERVICE PROVIDER ID | | | | | | | |
| PRICE INFORMATION ID | | | | | | | |
| PRICE INFORMATION VERSION | | | | | | | |
| UCS ID | | | | | | | |
| RULE NUMBER OF RIGHT OF READ | | | | | | | |
| RIGHT-OF-TYPE NUMBER | | | | | | | |
| REMAINING NUMBER OF READS | | | | | | | |
| RIGHT-OF-READ EFFECTIVE PERIOD | | | | | | | |
| RULE NUMBER OF RIGHT OF COPY | | | | | | | |
| RIGHT-OF-USE TYPE NUMBER | | | | | | | |
| REMAINING NUMBER OF COPIES | | | | | | | |
| UCS GENERATION MANAGEMENT INFORMATION | | | | | | | |
| NUMBER OF UCS SECONDARY DELIVERIES | | | | | | | |
| ENCRYPTION PROCESSING UNIT ID PROCESSING RIGHT OF READ | | | | | | | |

1701

| (| | | | | | | |
|---|--|--|--|--|--|--|--|
| DATA TYPE | | | | | | | |
| ENCRYPTION PROCESSING UNIT ID | | | | | | | |
| USER ID (PAYER) | | | | | | | |
| CONTENT ID | | | | | | | |
| CONTENT PROVIDER ID | | | | | | | |
| UCP ID | | | | | | | |
| UCP VERSION | | | | | | | |
| SERVICE PROVIDER ID | | | | | | | |
| PRICE INFORMATION ID | | | | | | | |
| PRICE INFORMATION VERSION | | | | | | | |
| UCS ID | | | | | | | |
| RULE NUMBER | | | | | | | |
| PROFIT AMOUNT/PROFIT RATE OF CONTENT PROVIDER | | | | | | | |
| PROFIT AMOUNT/PROFIT RATE OF SERVICE PROVIDER | | | | | | | |
| PROFIT AMOUNT/PROFIT RATE OF OTHER ORGANIZATIONS | | | | | | | |
| UCP GENERATION MANAGEMENT INFORMATION | | | | | | | |
| SETTING INFORMATION DATA SIZE OF CONTENT PROVIDER | | | | | | | |
| SETTING INFORMATION OF CONTENT PROVIDER | | | | | | | |
| SETTING INFORMATION DATA SIZE OF SERVICE PROVIDER | | | | | | | |
| SETTING INFORMATION OF SERVICE PROVIDER | | | | | | | |
| RECEIVED DATA | | | | | | | |
| SERIAL NUMBER | | | | | | | |
| SUPPLIER ID | | | | | | | |
| | | | | | | | |

FIG. 19

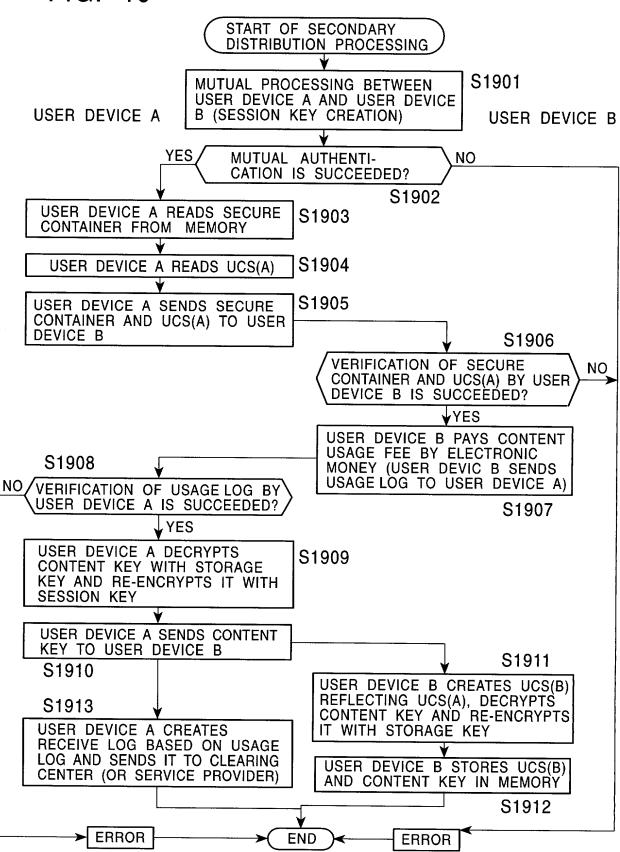


FIG. 20

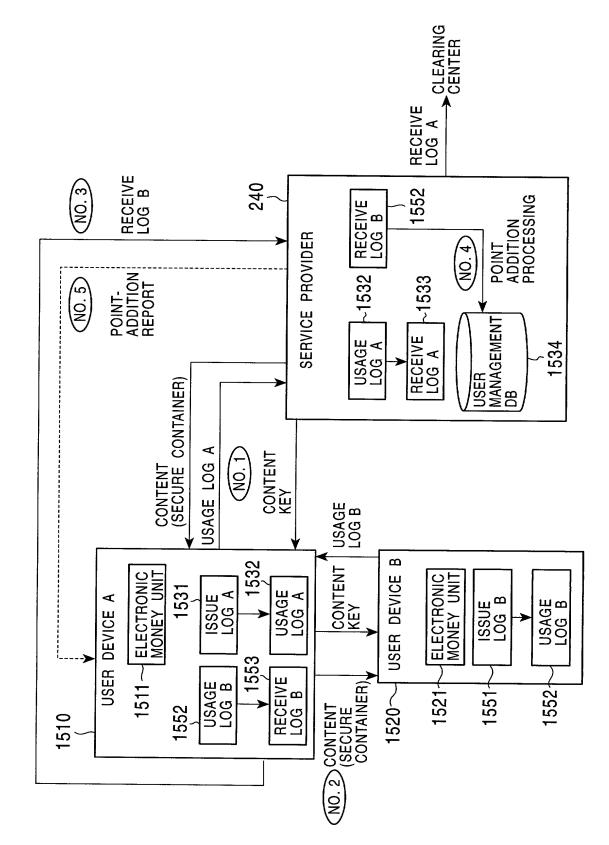
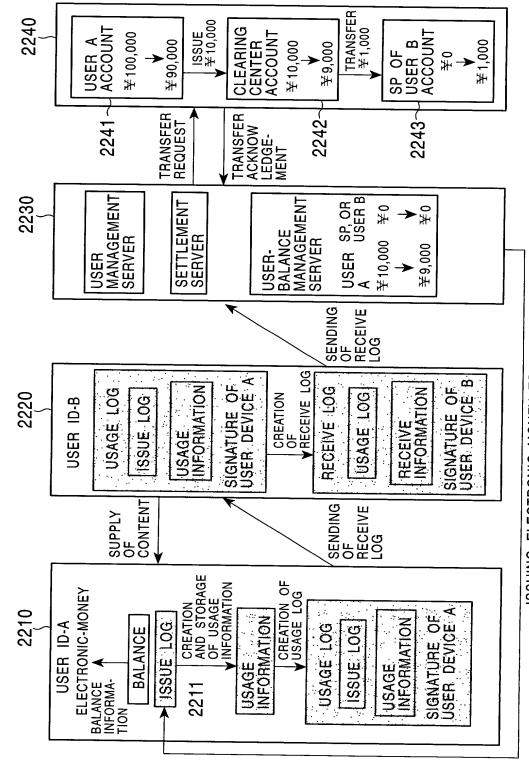


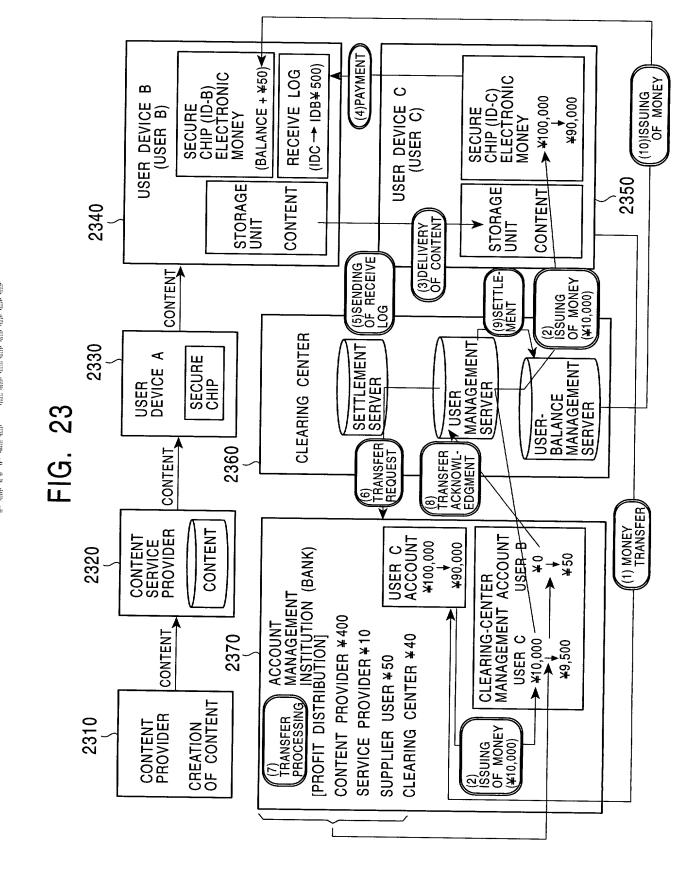
FIG. 21

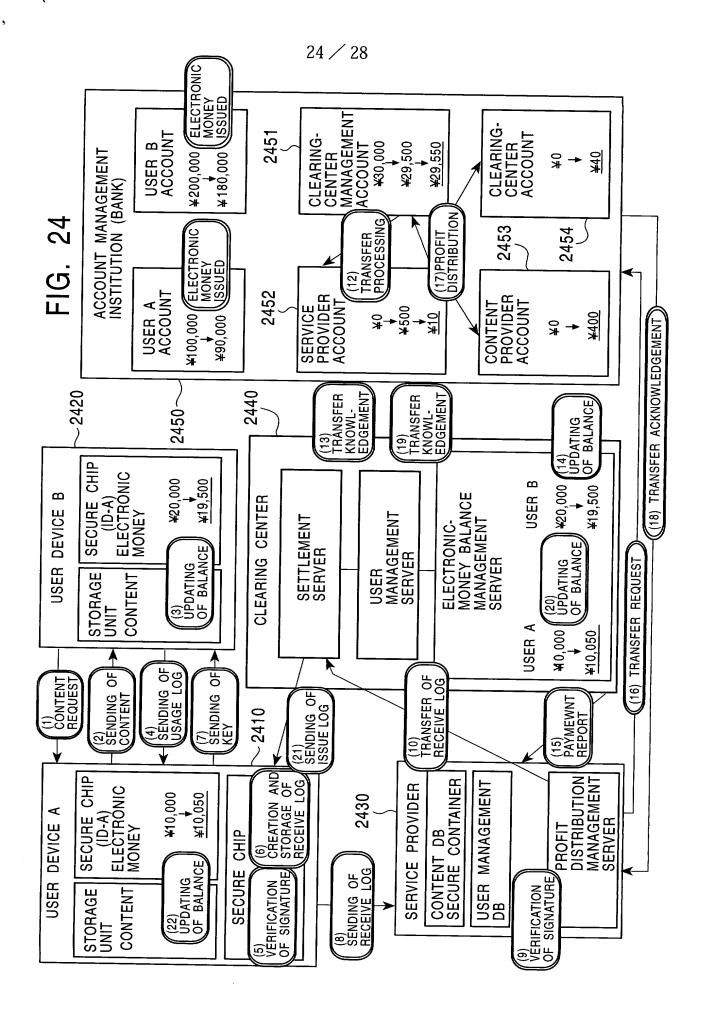
| POINT | 02 | 90 | 12 | | • | • | 20 |
|----------------|----------|----------|----------|---|---|---|----------|
| RECEIVE LOG ID | BBB001 | BA8822 | BA0214 | | - | | BAA883 |
| CONTENT ID | AAA001 | B05002 | CC0812 | - | | | ABD325 |
| USER DEVICE ID | CDE00021 | CDE00027 | CDE03211 | - | | | EED02333 |
| USER ID | ABC0001 | ABC0002 | ABC0003 | | | | BBC0231 |

FIG. 22



ISSUING ELECTRONIC MONEY TO USER DEVICE A





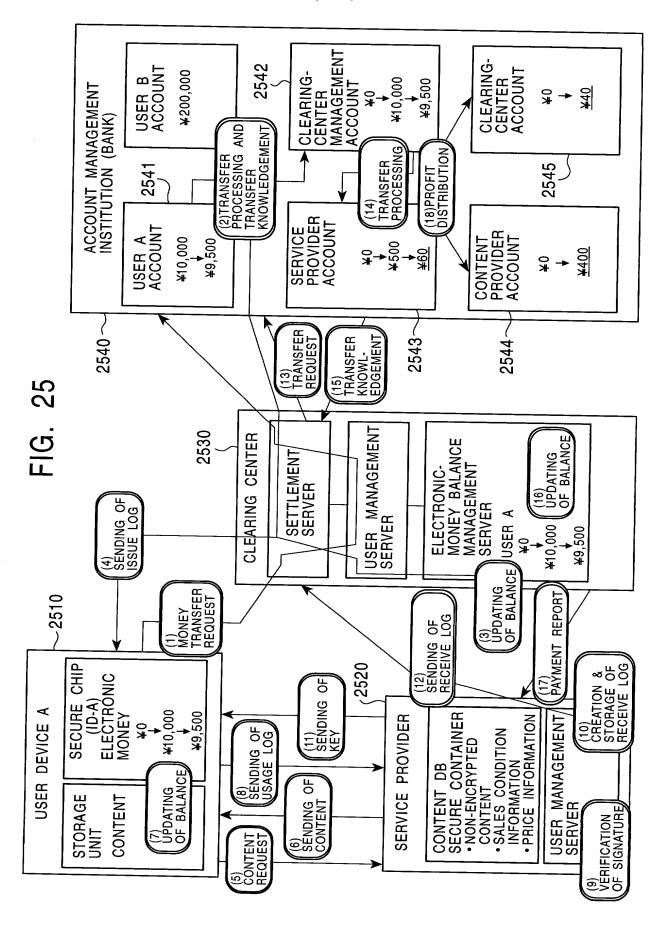


FIG. 27

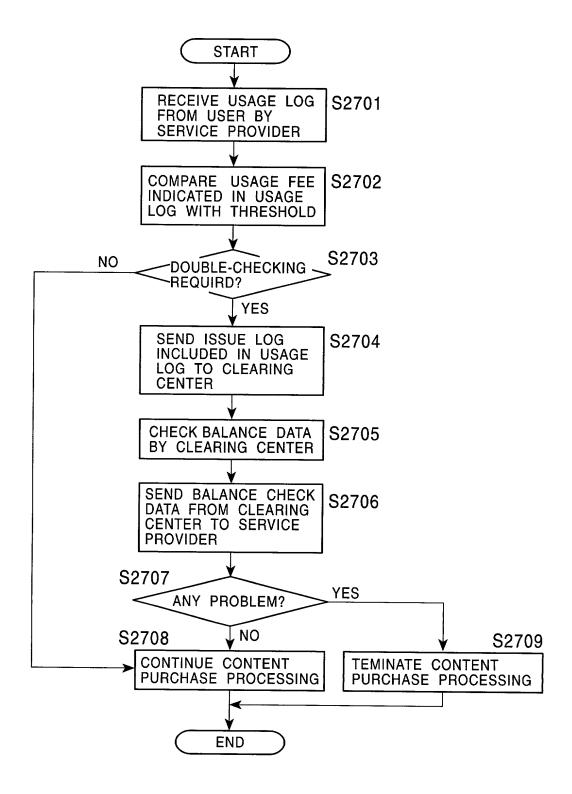


FIG. 28

